

**What Is Claimed Is:**

1. An indication structure for paper reserves adapted for an auto document feed apparatus having a housing, at least one opening arranged thereon, a support element received in the housing, an elasticity element fixedly positioned between  
5 the housing and the support element, to contact with the support element elastically, a feed module received in the housing, to convey or deliver paper; the indication structure for paper reserves, comprising:

a light source received in the housing to radiate light; and

a shield element arranged on a radiation path of the light source to shield a  
10 part of the light;

whereby the paper reserves are indicated though the light obvious from the opening.

2. The indication structure as claimed in claim 1, wherein the light source is a light emitting diode (LED).

15 3. The indication structure as claimed in claim 1, wherein the shield element is the paper.

4. The indication structure as claimed in claim 1, wherein the shield element is a non-transparent element.

5. The indication structure as claimed in claim 4, wherein the  
20 non-transparent element is a plate with a protrusion to contact with the support element.

6. The indication structure as claimed in claim 5, further comprising a pivot on the protrusion pivotally connected with the housing, for providing a function

of lever between the support element and the housing.

7. The indication structure as claimed in claim 1, further comprising a transparent element on which the opening is mounted for observing.

8. The indication structure as claimed in claim 7, wherein the transparent  
5 element is a piece of optical transparent plastic or optical glass.

9. The indication structure as claimed in claim 8, wherein the transparent element has an observation line or a notch for observing.